

ACTIVITY 3:

1. Small organisms that eat and break down dead things are called:

A: producers **B:** omnivores **C:** consumers **D:** decomposers

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2. Which of the following is a biotic factor?

A: Temperature **B:** Fungi **C:** Water **D:** Sunlight

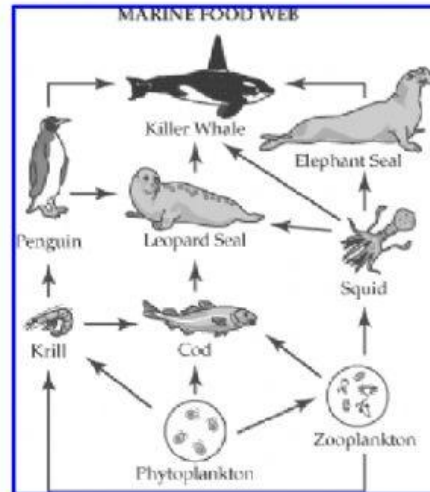
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3. How does energy move in the food web picture?

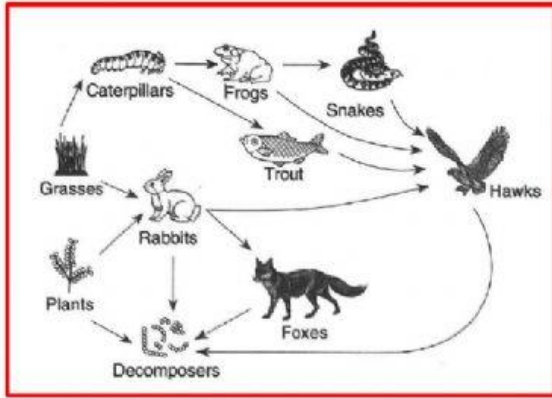
A: from cod to phytoplankton

B: from zooplankton to squid

C: from elephant seal to squid



4.



Which example below best represents a food chain?

A: grasses → rabbits → hawk

B: hawks → foxes → grasses

C: decomposers → plants → rabbits

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5.



Which of the following best describes what the picture is showing?

- A: water pollution due to discharges from freighters
- B: negative human impact on a marine environment
- C: the natural erosion of soil over a long period of time
- D: the recycling process of plastic bottles and containers

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6. Which of the following processes is most likely to occur after land has been cleared of its trees?

- A:** Soil erosion **B:** Air pollution **C:** Water Pollution **D:** Changes in the flow of water

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7. Classify each word below as a physical property or a physical change.

DRAG & DROP THE ANSWER

Crack
Bend
Mass
Volume
Color
Hardness
Density
Boil

Physical Property	Physical Change

8. What is matter?

- | | |
|---|--|
| A: Anything that has mass and volume | B: How much an object weighs |
| C: The amount of energy in an object | D: The number of atoms in an object |

9. Which of the following is NOT an example of matter?

- A: Dog B: Light C: Chromebook D: Chair
- =====

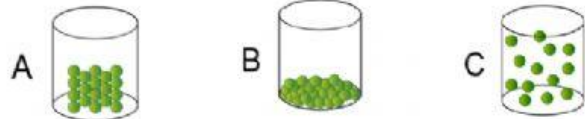
10. What does the law of conservation of mass state?

- A: Matter cannot be created nor destroyed B: Matter can be destroyed, only
C: Matter can be created or destroyed D: Matter can be created, only
- =====

11. Use the following image to answer the questions:
States of Matter:

What picture shows the particles of a solid?

- A: B: C: D:
- =====



12. Which of the following descriptions best describe a liquid.

- A: Takes the shape and volume of its container
B: matter is made of atoms so tightly packed together that they cannot move around
C: has a definite volume, but takes the shape of its container?
- =====

13. Which of the following best describes a solid?

A: matter that can be changed to a different form B: takes the shape and volume of its container

C: Matter that has a shape of its own AND a volume of its own

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14.

Which picture shows how the particles in a gas are arranged?

A: A

B: B

C: C



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15. Which of the following descriptions best describes a gas?

A: has a definite volume, but takes the shape of its container?

B: takes the shape and volume of its container

C: matter is made of atoms so tightly packed together that they cannot move around

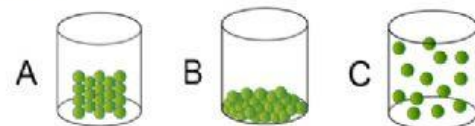
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16: Which picture shows how the particles in a liquid are arranged?

A: A

B: B

C: C



17. Matter can change states by

A: Adding Heat only

B: Releasing Heat only

C: Adding and/or Releasing Heat

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18. What is the term for turning a solid directly into a gas?

A: deposition

B: sublimation

C: condensation

D: boiling

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